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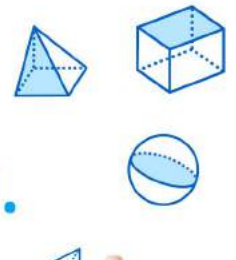

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Pre Algebra Worksheet-4

1) Which of the following options can be used instead of question mark:
   15 + ? = 34
   a) 9
   b) 29
   c) 19
   d) 14

2) It was noticed that in a village of 300 people, 112 were kids. Find the number of the adults there.

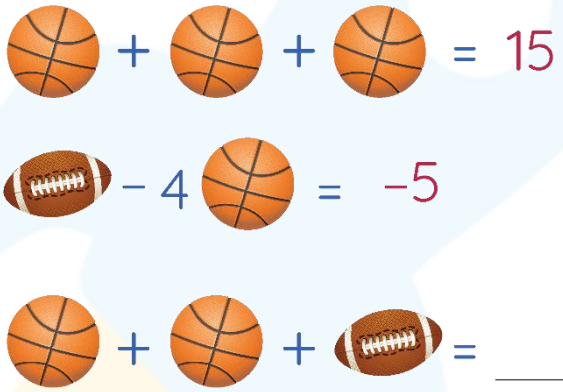
3) When 14 is added to me, my value becomes 20. Find me!
   a. 4
   b. 5
   c. 6
   d. 7

4) Elena notices that bubbles are emerging from her soap when she adds water to it. She notices that there are 7 big bubbles and 16 total number of bubbles. Can you help her in finding the number of small bubbles?

5) Find the value of three times the number found by adding three and four.

6) If Sara's income is $1500 (monthly) and her expenditures are half of her savings in that month, calculate the amount of her expenditure and her savings?

7) Solve the given riddle:



8) The scores in Pete's first two math tests are 75 and 99. By how many points did Pete improve on his second test?

9) Number of girls is twice the number of boys in the class. If the total number of students is 45, find the number of girls and boys?

10) State true or false.
14 is 5 more than 3 times 2.

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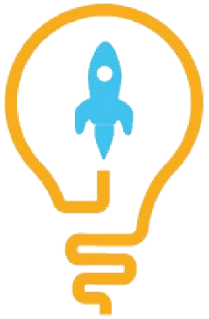
ANSWERS



1)	c) 19
2)	188 adults
3)	c) 6
4)	9 small bubbles
5)	21
6)	Expenditure = $500, Savings = $1000
7)	25
8)	24
9)	Girls=30, Boys=15
10)	False

FUN FACT

1. When you start thinking logically rather than computing the data, you are actually using ideas of algebra to find solutions.

2. In order to solve equations where some missing element is given, we try to solve it backwards – hence getting the value of the unknown.

3. In algebra, we can express a missing value by using a random letter or symbol which is known as a variable.